

AMENDMENTS TO THE CLAIMS

1. (Canceled).

2. (Canceled).

3. (Currently Amended) A storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, comprising: The storage-media management apparatus of Claim 2, wherein

a dividing unit operable to divide a content into a plurality of content parts;

a management information generating unit operable to generate a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;

a writing unit operable to write each content part together with a corresponding piece of management information, to a different one of the storage media;

a reading unit operable to read the pieces of management information from storage media that have been connected;

a reconstruction judging unit operable, when a content part stored in one of the storage media is to be used, (a) to judge that the content is to be reconstructed and made usable when the reading unit succeeds in reading all of the pieces of management information, and (b) to judge the reconstruction judging unit judges that the content parts are to be individually made usable, when the reading unit fails to read any of the pieces of management information, and information; and

a program information generating unit operable (a) to generate, based on reconstruction information included in each piece of management information read by the reading unit, reconstruction program information for presenting the content as one program, when the reconstruction judging unit judges that the content is to be reconstructed and made usable, and (b) to generate the program information generating unit generates, for each piece of management information read by the reading unit, individual program information for presenting a

corresponding content part as an individual program, when the reconstruction judging unit judges that the content parts are to be individually made usable.

4. (Currently Amended) A storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, comprising: The storage media management apparatus of Claim 2, wherein

a dividing unit operable to divide a content into a plurality of content parts;

a management information generating unit operable to generate a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;

a writing unit operable to write each content part together with a corresponding piece of management information, to a different one of the storage media;

a reading unit operable to read the pieces of management information from storage media that have been connected;

a reconstruction judging unit operable, when a content part stored in one of the storage media is to be used, (a) to judge that the content is to be reconstructed and made usable when the reading unit succeeds in reading all of the pieces of management information, and (b) to judge the reconstruction judging unit judges that the content parts are to be individually made usable, when the reading unit fails to read any of the pieces of management information; and

information; and
a program information generating unit operable (a) to generate, based on reconstruction information included in each piece of management information read by the reading unit, reconstruction program information for presenting the content as one program, when the reconstruction judging unit judges that the content is to be reconstructed and made usable, and (b) to the program information generating unit does not generate the reconstruction program information, when the reconstruction judging unit judges that the content parts are to be individually made usable.

5. (Currently Amended) A storage media management apparatus to and from which a

plurality of storage media are to be connected and disconnected, comprising:

a dividing unit operable to divide a content into a plurality of content parts;

a management information generating unit operable to generate a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;

a writing unit operable to write each content part together with a corresponding piece of management information, to a different one of the storage media;

a reading unit operable to read the pieces of management information from storage media that have been connected;

a reconstruction judging unit operable, when a content part stored in one of the storage media is to be used, to judge whether the content is to be reconstructed and made usable, or the content parts are to be individually made useable, based on the piece of management information stored in each storage medium; and

a program information generating unit operable (a) to generate, based on reconstruction information included in each piece of management information read by the reading unit, reconstruction program information for presenting the content as one program, when the reconstruction judging unit judges that the content is to be reconstructed and made usable, and (b) to generate, for each piece of management information read by the reading unit, individual program information for presenting a corresponding content part as an individual program, when the reconstruction judging unit judges that the content parts are to be individually made usable; wherein The storage media management apparatus of Claim 2, wherein

each piece of management information includes alteration information indicating whether a corresponding content part has been altered in a disconnected-state, which is a state in which—where a storage medium storing the corresponding content part is—beingwas disconnected,

the reconstruction judging unit judges that the content parts are to be individually made usable, when alteration information included in any of the pieces of management information read by the reading unit indicates that a corresponding content part has been altered in the disconnected-state, and

the program information generating unit generates, for each piece of management information read by the reading unit, individual program information for presenting a corresponding content part as an individual program, when the reconstruction judging unit judges that the content parts are to be individually made usable.

6. (Currently Amended) The storage media management apparatus of Claim 5, wherein the alteration information includes (a) initial-state information that is a part of the reconstruction information and indicates an initial state of a corresponding content part and (b) current-state information that is a part of the individual information and indicates a current state of the corresponding content part, and

the initial-state information matching the current-state information indicates that the corresponding content part has not been altered in ~~a-the disconnected-state-where a storage medium storing the corresponding content part is being disconnected~~, and the initial-state information not matching the current-state information indicates that the corresponding content part has been altered in the disconnected-state.

7. (Currently Amended) A storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, comprising:
a dividing unit operable to divide a content into a plurality of content parts;
a management information generating unit operable to generate a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;
a writing unit operable to write each content part together with a corresponding piece of management information, to a different one of the storage media;
a reading unit operable to read the pieces of management information from storage media that have been connected;
a reconstruction judging unit operable, when a content part stored in one of the storage media is to be used, to judge whether the content is to be reconstructed and made usable, or the content parts are to be individually made useable, based on the piece of management information

stored in each storage medium; and

a program information generating unit operable (a) to generate, based on reconstruction information included in each piece of management information read by the reading unit, reconstruction program information for presenting the content as one program, when the reconstruction judging unit judges that the content is to be reconstructed and made usable, and (b) to generate, for each piece of management information read by the reading unit, individual program information for presenting a corresponding content part as an individual program, when the reconstruction judging unit judges that the content parts are to be individually made usable; wherein The storage media management apparatus of Claim 2, wherein

each piece of management information includes alteration information indicating whether a corresponding content part has been altered in a disconnected-state, which is a state in which ~~where~~—a storage medium storing the corresponding content part ~~is being~~—~~was~~ disconnected,

the reconstruction judging unit judges that the content parts are to be individually made usable, when alteration information included in any of the pieces of management information read by the reading unit indicates that a corresponding content part has been altered in the disconnected-state, and

the program information generating unit does not generate the reconstruction program information, when the reconstruction judging unit judges that the content parts are to be individually made usable.

8. (Currently Amended) The storage media management apparatus of Claim 7, wherein the alteration information includes (a) initial-state information that is a part of the reconstruction information and indicates an initial state of a corresponding content part and (b) current-state information that is a part of the individual information and indicates a current state of the corresponding content part, and

the initial-state information matching the current-state information indicates that the corresponding content part has not been altered in ~~a the~~ disconnected-state ~~where a storage medium storing the corresponding content part is being disconnected~~, and the initial-state information not matching the current-state information indicates that the corresponding content part has been altered in the disconnected-state.

9. (Canceled).

10. (Canceled).

11. (Canceled).

12. (Currently Amended) A storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, comprising: The storage media management apparatus of Claim 9, wherein

a dividing unit operable to divide a content into a plurality of content parts;

a management information generating unit operable to generate a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable, each piece of management information includes-including total number information indicating a total number of the content parts, and parts;

a writing unit operable to write each content part together with a corresponding piece of management information, to a different one of the storage media;

a reading unit operable to read the pieces of management information from storage media that have been connected;

a reconstruction judging unit operable, when a content part stored in one of the storage media is to be used, to judge whether the content is to be reconstructed and made usable, or the content parts are to be individually made useable, based on the piece of management information stored in each storage medium;

a program information generating unit operable to generate, based on reconstruction information included in each piece of management information read by the reading unit, reconstruction program information for presenting the content as one program, when the reconstruction judging unit judges that the content is to be reconstructed and made usable;

a presenting unit operable to present the content as being usable, when the program

information generating unit generates the reconstruction program information for presenting the content; and

the storage media management apparatus further comprises

a usable proportion presenting unit operable to present a proportion of (a) content parts stored in storage media that have been connected and (b) content parts not stored in the storage media that have been connected, among all the content parts a number of which is equal to the total number indicated by the total number information.

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Currently Amended) A storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, comprising:

a dividing unit operable to divide a content into a plurality of content parts;

a management information generating unit operable to generate a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;

a writing unit operable to write each content part together with a corresponding piece of management information, to a different one of the storage media;

a reconstruction judging unit operable, when a content part stored in one of the storage media is to be used, to judge whether the content is to be reconstructed and made usable, or the content parts are to be individually made usable, based on the piece of management information stored in each storage medium. ~~The storage media management apparatus of Claim 1,~~ wherein

each piece of management information includes presetting-condition information indicating a condition of presetting on which writing of a corresponding content part is based, the writing unit includes

a same-condition detecting unit operable to detect, when the content is written based on presetting, a same-type content whose presetting-condition information indicates a same condition of presetting as indicated by presetting-condition information corresponding to the content, and

the writing unit writes one of the content parts to a storage medium storing the same-type content detected by the same-condition detecting unit when the dividing unit divides the content, and writes the content to the storage medium storing the same-type content detected by the same-type detecting unit when the dividing unit does not divide the content.

17. (Currently Amended) A storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, comprising:
a dividing unit operable to divide a content into a plurality of content parts;
a management information generating unit operable to generate a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;
a writing unit operable to write each content part together with a corresponding piece of management information, to a different one of the storage media;
a reconstruction judging unit operable, when a content part stored in one of the storage media is to be used, to judge whether the content is to be reconstructed and made usable, or the content parts are to be individually made usable, based on the piece of management information stored in each storage medium; ~~The storage media management apparatus of Claim 1, further comprising:~~

an available area judging unit operable to judge whether both of a first storage medium and a second storage medium have unused storage areas; and

an available area adjusting unit operable to, when both of the first storage medium and the second storage medium have unused storage areas and both of the first storage medium and the second storage medium respectively store two of the content parts, move one content part stored in one of the first storage medium and the second storage medium to another one of the first storage medium and the second storage medium.

18. (Canceled).

19. (Canceled).

20. (Currently Amended) A storage media management method for use in a storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, the method comprising:

a dividing step of dividing a content into a plurality of content parts;

a management information generating step of generating a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;

a writing step of writing each content part together with a corresponding piece of management information, to a different one of storage media;

a reading step of reading the pieces of management information from storage media that have been connected to the storage media management apparatus;

a reconstruction judging step of, when a content part stored in one of the storage media is to be used, (a) judging that the content is to be reconstructed and made usable when the reading step succeeds in reading all of the pieces of management information, and (b) judging
~~The storage media management method of Claim 19, wherein a judgment result in the reconstruction judging step shows that the content parts are to be individually made usable, when usable when the reading step fails to read any of the pieces of management information information; and is failed to be read in the reading step, and~~

a program information generating step of (a) generating, based on reconstruction information included in each piece of management information read in the reading step, reconstruction program information for presenting the content as one program, when a judgment result in the reconstruction judging step shows that the content is to be reconstructed and made usable, and (b) generating, for each piece of management information read by the reading step, in
~~the program information generating step, individual program information for presenting a~~

corresponding content part as an individual program is generated for each piece of management information read in the reading step, when a judgment result in the reconstruction judging step shows judges that the content parts are to be individually made usable.

21. (Currently Amended) A storage media management method for use in a storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, the method comprising:

a dividing step of dividing a content into a plurality of content parts;

a management information generating step of generating a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;

a writing step of writing each content part together with a corresponding piece of management information, to a different one of storage media;

a reading step of reading the pieces of management information from storage media that have been connected to the storage media management apparatus;

a reconstruction judging step of, when a content part stored in one of the storage media is to be used, (a) judging that the content is to be reconstructed and made usable when the reading step succeeds in reading all of the pieces of management information, and (b) judging The storage media management method of Claim 19, wherein a judgment result in the reconstruction judging step shows that the content parts are to be individually made usable, when usable when the reading step fails to read any of the pieces of management information information; and is failed to be read in the reading step, and

a program information generating step of (a) generating, based on reconstruction information included in each piece of management information read in the reading step, reconstruction program information for presenting the content as one program, when the reconstruction judging step judges that the content is to be reconstructed and made usable, and (b) not generating in the program information generating step, the reconstruction program information is not generated, when a judgment result in the reconstruction judging step shows judges that the content parts are to be individually made usable.

22. (Currently Amended) A storage media management method for use in a storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, the method comprising:

a dividing step of dividing a content into a plurality of content parts;

a management information generating step of generating a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;

a writing step of writing each content part together with a corresponding piece of management information, to a different one of storage media;

a reading step of reading the pieces of management information from storage media that have been connected to the storage media management apparatus;

a reconstruction judging step of, when a content part stored in one of the storage media is to be used, judging whether the content is to be reconstructed and made usable, or the content parts are to be individually made usable, based on the piece of management information stored in each storage medium; and

a program information generating step of (a) generating, based on reconstruction information included in each piece of management information read in the reading step, reconstruction program information for presenting the content as one program, when a judgment result in the reconstruction judging step shows that the content is to be reconstructed and made usable, and (b) generating, for each piece of management information read by the reading step, individual program information for presenting a corresponding content part as an individual program, when the reconstruction judging step judges that the content parts are to be individually made usable, The storage media management method of Claim 19, wherein

each piece of management information includes alteration information indicating whether a corresponding content part has been altered in a disconnected-state, which is a state in which where a storage medium storing the corresponding content part is being was disconnected from the storage media management apparatus,

a judgment result in the reconstruction judging step shows that the content parts are to

be individually made usable, when alteration information included in any of the pieces of management information read in the reading step indicates that a corresponding content part has been altered in the disconnected-state, and

in the program information generating step, individual program information for presenting a corresponding content part as an individual program is generated for each piece of management information read in the reading step, when a judgment result in the reconstruction judging step shows that the content parts are to be individually made usable.

23. (Currently Amended) The storage media management method of Claim 22, wherein the alteration information includes (a) initial-state information that is a part of the reconstruction information and indicates an initial state of a corresponding content part and (b) current-state information that is a part of the individual information and indicates a current state of the corresponding content part, and

the initial-state information matching the current-state information indicates that the corresponding content part has not been altered in ~~a-the disconnected-state where a storage medium storing the corresponding content part is being disconnected from the storage media management apparatus,~~ and the initial-state information not matching the current-state information indicates that the corresponding content part has been altered in the disconnected-state.

24. (Currently Amended) A storage media management method for use in a storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, the method comprising:

a dividing step of dividing a content into a plurality of content parts;

a management information generating step of generating a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;

a writing step of writing each content part together with a corresponding piece of management information, to a different one of storage media;

a reading step of reading the pieces of management information from storage media that have been connected to the storage media management apparatus;

a reconstruction judging step of, when a content part stored in one of the storage media is to be used, judging whether the content is to be reconstructed and made usable, or the content parts are to be individually made usable, based on the piece of management information stored in each storage medium; and

a program information generating step of (a) generating, based on reconstruction information included in each piece of management information read in the reading step, reconstruction program information for presenting the content as one program, when the reconstruction judging step judges that the content is to be reconstructed and made usable, and (b)not generating the reconstruction program information, when the reconstruction judging step judges that the content parts are to be individually made usable. The storage media management method of Claim 19, wherein

each piece of management information includes alteration information indicating whether a corresponding content part has been altered in a disconnected-state, which is a state in which—where a storage medium storing the corresponding content part is being—was disconnected from the storage media management apparatus, and

a judgment result in the reconstruction judging step shows judges that the content parts are to be individually made usable, when alteration information included in any of the pieces of management information read in the reading step indicates that a corresponding content part has been altered in the disconnected-state, and

in the program information generating step, the reconstruction program information is not generated when a judgment result in the reconstruction judging step shows that the content parts are to be individually made usable.

25. (Currently Amended) The storage media management method of Claim 24, wherein the alteration information includes (a) initial-state information that is a part of the reconstruction information and indicates an initial state of a corresponding content part and (b) current-state information that is a part of the reconstruction information and indicates a current state of the corresponding content part, and

the initial-state information matching the current-state information indicates that the

corresponding content part has not been altered in ~~a-the disconnected-state where a storage medium storing the corresponding content part is being disconnected from the storage media management apparatus,~~ and the initial-state information not matching the current-state information indicates that the corresponding content part has been altered in the disconnected-state.

26. (Canceled).

27. (Canceled).

28. (Canceled).

29. (Currently Amended) A storage media management method for use in a storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, the method comprising:

a dividing step of dividing a content into a plurality of content parts;

a management information generating step of generating a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable. The storage-media management method of Claim 26, wherein each piece of management information includes including total number information indicating a total number of the content parts, and parts;

a writing step of writing each content part together with a corresponding piece of management information, to a different one of storage media;

a reading step of reading the pieces of management information from storage media that have been connected to the storage media management apparatus;

a reconstruction judging step of, when a content part stored in one of the storage media is to be used, judging whether the content is to be reconstructed and made usable, or the content parts are to be individually made usable, based on the piece of management information stored in each storage medium;

a program information generating step of generating, based on reconstruction information included in each piece of management information read in the reading step, reconstruction program information for presenting the content as one program, when the reconstruction judging step judges that the content is to be reconstructed and made usable;

a presenting step of presenting the content as being usable, when the program information generating step generates the reconstruction program information for presenting the content; and

the storage media management method further comprises

a usable proportion presenting step of presenting, ~~to the user,~~ a proportion of (a) content parts stored in storage media that have been connected to the storage media management apparatus and (b) content parts not stored in the storage media that have been connected to the storage media management apparatus, among all the content parts a number of which is equal to the total number indicated by the total number information.

30. (Canceled).

31. (Canceled).

32. (Canceled).

33. (Currently Amended) A storage media management method for use in a storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, the method comprising:

a dividing step of dividing a content into a plurality of content parts;

a management information generating step of generating a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;

a writing step of writing each content part together with a corresponding piece of management information, to a different one of storage media;

a reconstruction judging step of, when a content part stored in one of the storage media is to be used, judging whether the content is to be reconstructed and made usable, or the content parts are to be individually made usable, based on the piece of management information stored in each storage medium. The storage media management method of Claim 18, wherein

each piece of management information includes presetting-condition information indicating a condition of presetting on which writing of a corresponding content part is based, and

the writing unit includes:

a same-condition detecting substep of detecting, when the content is written based on presetting, a same-type content whose presetting-condition information indicates a same condition of presetting as indicated by presetting-condition information corresponding to the content; and

a same-condition writing substep of writing one of the content parts to a storage medium storing the same-type content detected in the same-condition detecting substep when the content is divided in the dividing step, and writing the content to the storage medium storing the same-type content detected in the same-type detecting substep when the content is not divided in the dividing step.

34. (Currently Amended) A storage media management method for use in a storage media management apparatus to and from which a plurality of storage media are to be connected and disconnected, the method comprising:

a dividing step of dividing a content into a plurality of content parts;

a management information generating step of generating a plurality of pieces of management information in correspondence to the content parts, each piece of management information including (a) reconstruction information for reconstructing the content by concatenating a corresponding content part with the other content parts, and (b) individual information for making the corresponding content part individually usable;

a writing step of writing each content part together with a corresponding piece of management information, to a different one of storage media;

a reconstruction judging step of, when a content part stored in one of the storage media is to be used, judging whether the content is to be reconstructed and made usable, or the content

parts are to be individually made usable, based on the piece of management information stored in each storage medium; The storage media management method of Claim 18, further comprising:

an available area judging step of judging whether both of a first storage medium and a second storage medium have unused storage areas; and

an available area adjusting step of, when both of the first storage medium and the second storage medium have unused storage areas and both of the first storage medium and the second storage medium respectively store two of the content parts, moving one content part stored in one of the first storage medium and the second storage medium to another one of the first storage medium and the second storage medium.

35. (Canceled).

36. (Canceled).